



SHEET 1 OF 2

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| FORM PTO-1449 APR 29 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GNE.2930R1C3 | APPLICATION NO. 10/032,996 |
| | | APPLICANT Botstein, et al. | |
| | | FILING DATE December 27, 2001 | GROUP 1656 |

| U.S. PATENT DOCUMENTS | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| <i>M</i> | 1 | WO 00/04135 | 01/27/00 | PCT | | | | |
| <i>M</i> | 2 | DE 198 18 620 | 10/28/99 | Germany | | | | |
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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
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| | 6 | Comparison between Accession No. AAY87196 and SEQ ID NO: 23 |
| | 7 | Comparison between Accession No. AA025266 and SEQ ID NO: 8 |
| | 8 | Comparison between Accession No. AA024389 and SEQ ID NO: 8 |
| | 9 | Comparison between Accession No. AX118905 and SEQ ID NO: 8 |
| | 10 | Comparison between Accession No. CAC38526.1 and SEQ ID NO: 8 |
| | 11 | Comparison between Accession No. AX070106 and SEQ ID NO: 6 |
| | 12 | Comparison between Accession No. AAB40784 and SEQ ID NO: 6 |
| | 13 | Comparison between Accession No. AAC74993 and SEQ ID NO: 6 |

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| EXAMINER <i>[Signature]</i> | DATE CONSIDERED 3/17/01 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |



SHEET 2 OF 2

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. GNE.2930R1C3 | APPLICATION NO. 10/032,998 |
| | APPLICANT Botstein, et al. | |
| | FILING DATE December 27, 2001 | GROUP 1656 |

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| <i>N</i> | 14 Comparison between Accession No. AI373244 and SEQ ID NO: 6 |
| <i>J</i> | 15 Comparison between Accession No. AI366107 and SEQ ID NO: 6 |
| <i>J</i> | 16 Comparison between Accession No. AR052531 and SEQ ID NO: 12 |
| <i>J</i> | 17 Comparison between Accession No. W63967 and SEQ ID NO: 12 |
| <i>J</i> | 18 Comparison between Accession No. AAZ98060 and SEQ ID NO: 23 |
| <i>J</i> | 19 Comparison between Accession No. AI08845 and SEQ ID NO: 23 |
| <i>J</i> | 20 Comparison between Accession No. AAV88653 and SEQ ID NO: 23 |

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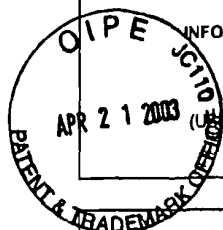
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GNE.2930R1C3APPLICATION NO.
10/032,896INFORMATION DISCLOSURE STATEMENT
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
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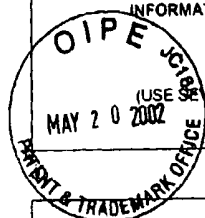
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|---------------------|---|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| N | 2 | WO 98 45437 | 10/15/98 | PCT | | | | |
| | 3 | WO 00/04140 | 01/27/00 | PCT | | | | |
| | 4 | WO 00 58472 | 10/05/00 | PCT | | | | |
| | 5 | WO 01/29221 | 04/26/01 | PCT | | | | |
| | 6 | WO 01 02568 | 01/11/01 | PCT | | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | |
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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. GNE.2930R1C3 | APPLICATION NO. 10/032.996 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT Botstein et al. | RECEIVED MAY 22 2002 TECH CENTER 1600/2900 |
| | | FILING DATE December 27, 2001 | |



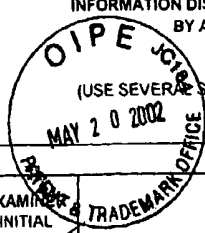
| U.S. PATENT DOCUMENTS | | | | | | | |
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